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## RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/646,899

TIME: 14:35:42

Input Set : A:\EP.txt

Output Set: N:\CRF4\02102003\I646899.raw

3 <110> APPLICANT: Shionogi & Co., Ltd.  
 4 Maeda, Tomoko  
 5 Ochi, Takahiro  
 6 Suzuki, Ryuji  
 8 <120> TITLE OF INVENTION: METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS AND  
 INDUCING THEIR  
 9 DIFFERENTIATION INTO OSTEOCLASTS  
 11 <130> FILE REFERENCE: 197679US0PCT  
 13 <140> CURRENT APPLICATION NUMBER: 09/646,899  
 14 <141> CURRENT FILING DATE: 2000-10-10  
 16 <150> PRIOR APPLICATION NUMBER: JAPAN 95962/1998  
 17 <151> PRIOR FILING DATE: 1998-04-08  
 19 <150> PRIOR APPLICATION NUMBER: JAPAN 170407/1998  
 20 <151> PRIOR FILING DATE: 1998-06-18  
 22 <160> NUMBER OF SEQ ID NOS: 2  
 24 <170> SOFTWARE: PatentIn version 3.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 467  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Homo sapiens  
 31 <220> FEATURE:  
 32 <221> NAME/KEY: CDS  
 33 <222> LOCATION: (28)..(309)  
 34 <223> OTHER INFORMATION:

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 41 gtg ctc ctg gcc tcc ctc ctg agt ctc cac ctt gga act gcc aca cgt 102  
 42 Val Leu Leu Ala Ser Leu Leu Ser Leu His Leu Gly Thr Ala Thr Arg  
 43 10 15 20 25  
 45 ggg agt gac ata tcc aag acc tgc tgc ttc caa tac agc cac aag ccc 150  
 46 Gly Ser Asp Ile Ser Lys Thr Cys Cys Phe Gln Tyr Ser His Lys Pro  
 47 30 35 40  
 49 ctt ccc tgg acc tgg gtg cga agc tat gaa ttc acc agt aac agc tgc 198  
 50 Leu Pro Trp Thr Trp Val Arg Ser Tyr Glu Phe Thr Ser Asn Ser Cys  
 51 45 50 55  
 53 tcc cag cgg gct gtg ata ttc act acc aaa aga ggc aag aaa gtc tgt 246  
 54 Ser Gln Arg Ala Val Ile Phe Thr Thr Lys Arg Gly Lys Lys Val Cys  
 57 60 65 70  
 59 acc cat cca agg aaa aaa tgg gtg caa aaa tac att tct tta ctg aaa 294  
 60 Thr His Pro Arg Lys Lys Trp Val Gln Lys Tyr Ile Ser Leu Leu Lys  
 61 75 80 85  
 63 act ccg aaa caa ttg tgactcagct gaattgtcat ccgaggacgc ttggaccccg 349

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64 Thr Pro Lys Gln Leu
65 90
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84 20 25 30
87 Cys Cys Phe Gln Tyr Ser His Lys Pro Leu Pro Trp Thr Trp Val Arg
88 35 40 45
91 Ser Tyr Glu Phe Thr Ser Asn Ser Cys Ser Gln Arg Ala Val Ile Phe
92 50 55 60
95 Thr Thr Lys Arg Gly Lys Lys Val Cys Thr His Pro Arg Lys Lys Trp
96 65 70 75 80
99 Val Gln Lys Tyr Ile Ser Leu Leu Lys Thr Pro Lys Gln Leu
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105 ???

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/646,899

DATE: 02/10/2003

TIME: 14:35:43

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